

**QUARTERLY STORMWATER SAMPLING
ALASKAN COPPER WORKS, SEATTLE, WASHINGTON**

Quarter: 2Q14 Date: 4/17/14 Sampling Locations: CB331707 and CB330001

STORMWATER SAMPLING: According to the Industrial Stormwater General Permit condition S4.B, a permittee is required to collect a sample within the first 12 hours of stormwater discharge. Fourth quarter sampling must occur during the first storm event of that quarter. For the other three quarters, sampling does not need to be conducted during the first storm event. Permittees need not sample outside of regular business hours, during unsafe conditions, or during quarters where there is no discharge, but must still submit a Discharge Monitoring Report each reporting period.

1. Time of sampling (should be within 12 hours after discharge begins):	CB331707: <u>0800</u> CB330001: <u>0845</u>
2. Did sampling occur within the first 12 hours of discharge?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Unknown
3. If the answer to question 2 is no, explain why a sample was not collected within the first 12 hours. <u>unknown when discharge began</u>	
4. For fourth quarter sampling, did the sampling occur during the first storm event of that quarter?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
5. Sampling method (e.g., "from catch basin by hand"):	<u>CB331707: from CB by sampling pole</u> <u>CB330001: from CB by bailer</u>
6. Sampling parameters: turbidity, pH, total copper, total zinc, total lead, total petroleum hydrocarbons	<u>CB331707: total copper, total zinc</u> ; <u>CB330001: total copper, turbidity, pH</u>
7. Oil Sheen Present?	CB331707: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No CB330001: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
8. Result of field measurements (pH/Turbidity):	CB331707: <u>N/A</u> CB330001: <u>pH: 5.0 ; turbidity: 16.85</u>
9. Field meters calibrated to meter calibration standards prior to sampling?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
10. Comments (i.e., unusual circumstances): <u>CB331707: no unusual circumstances</u> <u>CB330001: very large puddle/flooding on top of catch basin.</u> <u>We opened grated cap of effluent pipe (clogged w/ sediment)</u> <u>and puddle drained out of effluent pipe. Jerry indicated</u> <u>he would have the CB vac'ed out and replace</u> <u>the media w/ new Metal Zorb and oyster shell.</u>	
Name of sampler: <u>Rosemary Trimmer</u>	
Signature of sampler: <u>Rosemary Trimmer</u> Date: <u>4/17/14</u>	

VISUAL MONITORING REMINDER: If monthly visual monitoring has not already been conducted, record the results of visual monitoring on the separate required Monthly Inspection form.